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12/12/01

JC984 U.S. PTO

10/01/10

# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.: S-96,583

First Inventor or Application Identifier: Thomas C. Terwilliger

Title: METHOD FOR REMOVING ATOMIC-MODEL BIAS IN MACROMOLECULAR CRYSTALLOGRAPHY

Express Mail Label No: EJ039303974US

## APPLICATION ELEMENTS

1. ☒ \* Fee Transmittal Form (e.g. PTO/SB/17)  
(submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 24]
  - ☒ Descriptive title of the Invention
  - ☒ Cross References to Related Applications
  - ☒ Statement Regarding Fed sponsored R&D
  - ☐ Reference to sequence listing, a table or a computer program listing appendix
  - ☒ Background of the Invention
  - ☒ Brief Description of the Drawings (if filed)
  - ☒ Detailed Description
  - ☒ Claim(s)
  - ☒ Abstract of the Disclosure
4. ☒ Drawings(s) (35 U.S.C. 113) [Total Sheets 11]
  - ☒ Formal ☐ Informal
5. ☒ Declaration & Power of Attorney [Total Pages 2]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. § 63(d)  
(for continuation/divisional with Box 16 completed)
  - c. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).

ADDRESS TO: Box Patent Application  
Commissioner for Patents  
Washington, DC 20231

6. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & documentation)
9. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)
13. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
14. ☒ Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i)
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application S.N. \_\_\_\_/\_\_\_\_.

Prior application information: Examiner

Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 16. CORRESPONDENCE ADDRESS

Name: Ray G. Wilson

Address: Los Alamos National Laboratory  
LC/IP, MS A187

City: Los Alamos State: New Mexico Zip Code 87545

Country: United States Telephone: (505) 665-3112 Fax: (505) 665-4424

Name (Print/Type): Ray G. Wilson

Registration No. (Attorney/Agent): 28,351

Signature: Ray G. Wilson

Date: Dec. 12, 2001

J1046 U.S. PTO  
10/017643  
12/12/01

# FEE TRANSMITTAL For FY 2002

*Patent fees are subject to annual revision*

## Complete if Known

Application Number: \_\_\_\_\_  
 Filing Date: \_\_\_\_\_  
 First Named Inventor: Thomas C. Terwilliger  
 Examiner Name: \_\_\_\_\_  
 Group/Art Unit: \_\_\_\_\_  
 Attorney Docket No.: S-96,583

## METHOD OF PAYMENT

1. ☒ The commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Account Number: 12-2150  
 Deposit Account Name: Los Alamos National Laboratory  
☒ Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17  
☒ Applicant claims small entity status. See 37 CFR 1.27

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$740	\$370	Utility filing fee	\$370.00
\$740	\$370	Reissue filing fee	
\$160	\$80	Provisional filing fee	

**SUBTOTAL (1) \$370.00**

**SMALL ENTITY DATE:**

### 2. EXTRA CLAIM FEES

	Extra Claims	Fee from Fee Paid Below	
Total Claims 11	-20** = 0	X 0 =	0
Independent 1	-3** = 0	X 0 =	0
Claims			
Multiple Dependent	1	x 140 =	\$140

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Fee	Small Entity Fee	Fee Description
\$18	\$9	Claims in excess of 20
\$84	\$42	Independent claims in excess of 3
\$280	\$140	Multiple dependent claim, if not paid.
\$84	\$42	** Reissue independent claims over original patent
\$18	\$9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$140**

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$130	\$65	Surcharge - late filing fee or oath	
\$50	\$25	Surcharge - late provisional filing fee or cover sheet	
\$2,520	\$2,520	For filing a request for reexamination	
\$110	\$55	Extension for reply within first month	
\$400	\$200	Extension for reply within second month	
\$920	\$460	Extension for reply within third month	
\$1,440	\$720	Extension for reply within fourth month	
\$1,960	\$980	Extension for reply within fifth month	
\$320	\$160	Notice of Appeal	
\$320	\$160	Filing a brief in support of an appeal	
\$280	\$140	Request for oral hearing	
\$110	\$55	Petition to revive - unavoidable	
\$1,280	\$640	Petition to revive - unintentional	
\$130	\$130	Petitions to the Commissioner	
\$50	\$50	Petitions related to provisional applications	
\$180	\$180	Submission of Information Disclosure Statement	
\$740	\$370	Filing a submission after final rejection (37 CFR 1.129 (a))	
\$740	\$370	For each additional invention to be examined (37 CFR 1.129(b))	
\$300	\$300	Publication fee for early, voluntary, or normal publication	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$0**

Reduced by Basic Filing Fee Paid

**SUBTOTAL FROM 1 \$370**

**SUBTOTAL FROM 2 \$140**

**SUBTOTAL FROM 3 \$0**

**TOTAL AMOUNT OF PAYMENT \$510.00**

## SUBMITTED BY

## Complete (if applicable)

Printed Name: Ray G. Wilson

Reg. No. 30,620

Signature: 

Date: 12-12-01

Telephone (505)665-3112

(11/29/00)

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(b)(i)**

First Named Inventor: Thomas C. Terwilliger

Title: METHOD FOR REMOVING ATOMIC-MODEL  
BIAS IN MACROMOLECULAR  
CRYSTALLOGRAPHY

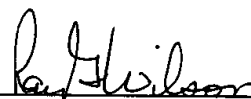
Atty Docket Number: S-96,583

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122 (b).

12-12-01

Date



Signature

Ray G. Wilson

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

FOOTER CHART